

**ERATE 470 FORM # 756400001304479 REQUEST AND
REQUEST FOR PROPOSAL (RFP) FOR:
Wireless Project
O'Neill Public Schools**

O'NEILL PUBLIC SCHOOLS (OPS) is seeking proposals for the upcoming Funding Year 15-16 round of E-Rate. The district is soliciting proposals for the purchase and installation of wireless network electronics. All services are to be completed within the guidelines and regulations for local, state, and the federal E-rate program.

SERVICES AND HARDWARE REQUESTED:

- Network Switches, Wireless Access Points, Wireless Controller, Ethernet and Fiber Network Cabling, UPS, and Equipment Racks.

OPS consists of two buildings. The Jr./Sr. High School consists of about 35 classrooms, a gymnasium, multiple commons areas, and a library, all of these rooms are used in a 1:1 environment where students carry their Macbook computer with them all day. The 1 Main Distribution Frame (MDF) is located in the room behind the Library. 1 Intermediate Distribution Frames (IDF) is located in a storage room in room 324 and is connected by 1Gig Fiber. The other IDF is located behind the main office and is connected by copper.

The Elementary consists of about 32 classrooms, a gymnasium, Commons area, and a library. The MDF is located in the work room behind the library and is connected to the High School MDF by 100MBps Fiber. The 1 IDF is in a maintenance closet by the new addition down the 3-4th grade hall. The IDF is connected by copper.

The successful bidder(s) will be responsible for qualifying for and adhering to the Federal E-Rate program. Items not eligible for E-Rate must be itemized in the bid. Prices must be held firm for the duration of the E-Rate Year. These projects and services depend on partial funding from the E-rate program and should be completed within the funding year.

- Applicant expects each Service Provider to make themselves thoroughly familiar with any rules or regulations regarding the E-rate program.
- All contracts entered into as a result of this RFP will be contingent upon the specific funding of the FRN at the percentage rate submitted.

- The maximum percentage the Applicant will be liable for is the pre-discount amount minus the funded amount or ineligible portion as shown on the form 471 Block 5.
- In the event of questions during the E-Rate PIA review process, the successful vendor is expected to reply within 3 days to questions associated with their proposal.
- The contractor is responsible for providing a valid SPIN (Service Provider Identification Number) at the time the bid is submitted.
- Any potential bidder found to be in Red-Light Status will be disqualified from participation in the bidding process and will be considered non-responsive.
- Vendor understands that they may be asked to work around school schedules to avoid impacting classroom or busy office times.

The Applicant reserves the right to deny any or all proposals associated with this RFP, even with SLD funding approval. Applicant reserves the right to consider existing piggyback, open RFP, open 470, etc....

Failure to follow the above criteria and requirements may be considered grounds for disqualification.

Walk throughs of the buildings can be done on the 12th of February to see buildings and to look at current setup. Proposals must be addressed to our office location noted below. Proposals must be submitted by the last day of February, 2015.

Technology Coordinator
O'Neill Public Schools
PO Box 230
O'Neill, NE 68763
Telephone: 402-336-1544

PROJECT

This proposal shall be broken down into two options:

1. Full proposal (hardware and labor) to include:
 - a. Vendor to propose and coordinate configurations with the district prior to installation, in order to provide a "turn-key" delivery.
 - b. Install the specified network electronics equipment.
 - c. Install specified copper and fiber optics cabling.
 - d. Perform power-on system and functionality tests.
 - e. Perform and demonstrate a verification of network connectivity and functionality.

- f. Verify access to the Internet and to district resources**
- g. Provide documentation listing all equipment, part numbers, quantities, serial numbers, IP addressing and equipment naming.**
- h. Provide proposed coverage map and post install verification of coverage.**
- i. Provide necessary training as agreed upon by vendor and district.**
- j. Provide two year maintenance agreement on qualifying equipment.**

2. Equipment and installation separately to include:

- a. Delivery of each component to its designated secured location.**
- b. Provide documentation listing all equipment, part numbers, quantities, and serial numbers.**
- c. Provide two year maintenance agreement on qualifying equipment.**

HARDWARE EQUIPMENT

WIRELESS ACCESS POINT:

Each wireless access point should have a dual radio (antenna) design. Each access point should be able to provide at minimum 802.11a/b/g/n standards within the 2.4GHz and 5GHz bands. Each access point should have at least one gigabit uplink port. Each access point should be able to provide 4 or more BSSID. Each access point should have the ability to be managed by a central system. Each access point should be compatible with current system unless all equipment is to be replaced. There should be at least one access point per room planned.

WIRELESS CONTROLLER SYSTEM:

The controller should be able to contact and control all currently or newly installed equipment. Two years of hardware and software support should cover the wireless access points and the wireless controller system or the system as a whole.

NETWORK CABLING:

All network wire should be Category 6 rated or better with compliant Category 6 accessories used. Installed should be a minimum of two cables per access point location. All cable runs should be terminated independently in a female connection form factor at each wireless access point location. The color should be white.

If not already installed, fiber should be installed between distribution frames for network backbone purposes, including the fiber between distribution frames in the two buildings. The fiber should be at minimum 3 pair in size and 10 Gigabit capable rated or better with compliant 10 Gigabit accessories used. If fiber is already installed but not 10 Gigabit rated, it should be replaced or supplemented with additional fiber that is 10 Gigabit rated.

NETWORK SWITCHING:

Must have such design to integrate seamlessly with existing head-end and downstream equipment. All distribution frames must have port density and fiber connectivity to support all backbone connections and current or newly terminated connections. All switches must provide at minimum 48 RJ45 Gigabit ports, 2 SFP+ ports, 802.3af/at PoE+ capabilities, and 740W or more total power.

UPS (UNINTERRUPTABLE POWER SUPPLY):

Each distribution frame must have a UPS with enough capacity to provide at least 30 min of runtime at the current equipment load.

RACK EQUIPMENT:

Rack equipment should support all proposed or current equipment. Depending on location will dictate size, form factor, and installation requirements.

Evaluation Procedures

The evaluation will be performed by the RFP Coordinator and evaluation staff for services proposed. The evaluators will consider how well the vendor's proposed solution meets the needs and criteria set forth in the fair and competitive bidding process using the below matrix. It is important that bids be itemized, clear, and complete so that the evaluators can adequately understand all aspects of the proposal. Evaluation results are confidential and the property of the district.

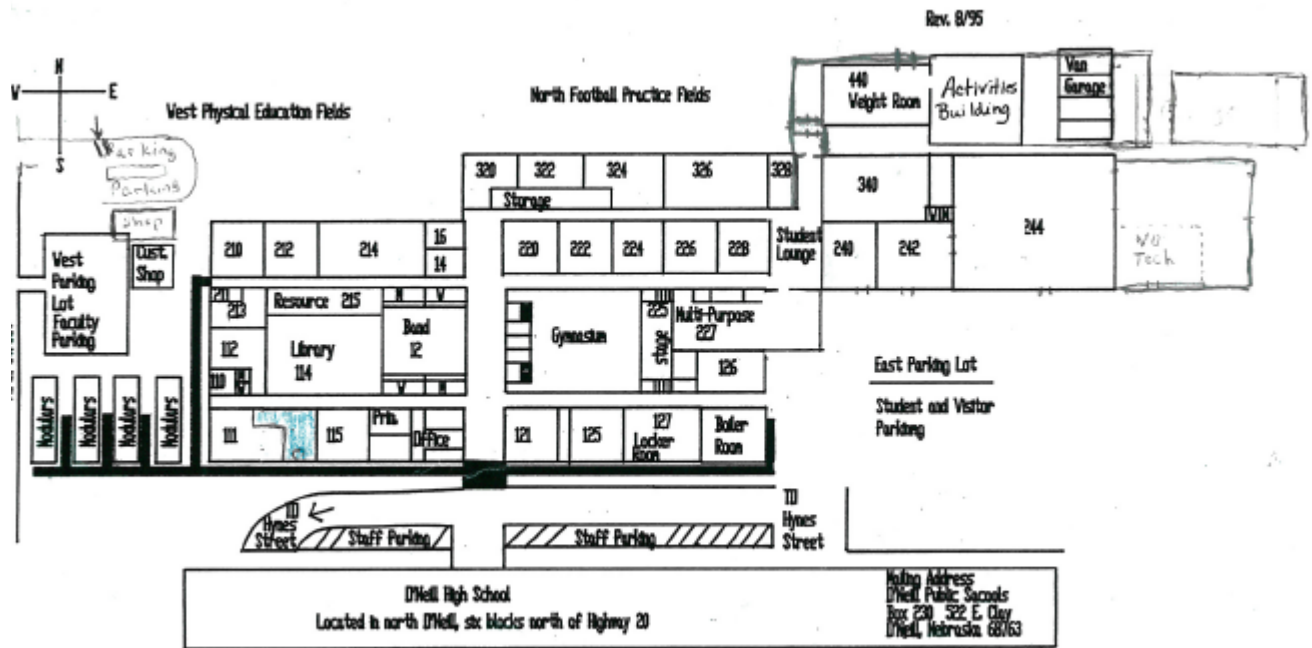
Evaluation Scale:

Factor	Weight
Price of Eligible Goods and Services	25%
Prior Experience	20%
Walkthrough	15%
Qualifications	10%
Deviance from RFP Specifications	10%
Distance from District	10%
Billing Methods	5%
E-rate Experience	5%

O'Neill Jr./Sr. High School Aerial View



O'Neill Jr./Sr. High School Floor Plan



O'Neill Elementary Aerial View



O'Neill Elementary Floor Plan

